



Biopolymers and Composites for Biomedical Applications

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Message from the Guest Editors

Biopolymers are natural polymers that are produced by living organisms. There are three main classes of biopolymers: polynucleotides, polypeptides, and polysaccharides. Examples of polynucleotides include deoxyribonucleic acid (DNA) and ribonucleic acid (RNA). Polypeptides, meanwhile, comprise amino acids. The group of biopolymers known as polysaccharides includes starch, cellulose, chitin, alginate, agarose, curdlan, hyaluronic acid and dextran. Composites, in turn, are materials composed of two or more constituents. Therefore, they can include a variety of polymers (natural and/or synthetic) as well as other ingredients, e.g., bioactive glasses, hydroxyapatite, etc. Both the biopolymers themselves and the composites have found diverse biomedical applications.

The aim of this Special Issue is to highlight the uses of biopolymers and their composites for biomedical applications. Therefore, we hope to publish papers describing the fabrication of biomaterials composed of biopolymers or the fabrication of composite biomaterials and their structural, physicochemical and biological evaluation.





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Message from the Editor-in-Chief

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I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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